

**AMENDMENTS TO THE CLAIMS**

In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

- 1-15. (Cancelled)
16. (Currently Amended) A ceramic coated fiber, comprising:
  - (a) a fiber, and
  - (b) ceramic, ~~having a composition different from that of the fiber~~, coated on the fiber,  
wherein the ceramic has a BET surface area of at least 60 m<sup>2</sup>/g,  
the ceramic accounts for 10 to 90% by weight of the ceramic coated fiber, and  
the ceramic comprises crystalline ceramic.
17. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises TiO<sub>2</sub> and/or TiON having an anatase structure.
18. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises at least one member selected from the group consisting of TiO<sub>2</sub>, TiON, TiOS, Al<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub>, and MgO.
19. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of 60 m<sup>2</sup>/g to 300 m<sup>2</sup>/g.
20. (Cancelled)
21. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic further comprises silver and/or palladium.
- 22-27. (Cancelled)

28. (Original) A ceramic coated fiber, comprising:
- (a) a fiber, and
  - (b) ceramic, coated on the fiber,  
wherein the ceramic has a BET surface area of at least 50 m<sup>2</sup>/g, and  
the ceramic comprises at least one member selected from the group consisting of Al<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub>, and MgO.
29. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 60 m<sup>2</sup>/g to 300 m<sup>2</sup>/g.
30. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic accounts for 10 to 90% by weight of the ceramic coated fiber.
31. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic further comprises silver and/or palladium.
32. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of at least 60 m<sup>2</sup>/g.
33. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 60 m<sup>2</sup>/g to 2000 m<sup>2</sup>/g.
34. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 100 m<sup>2</sup>/g to 500 m<sup>2</sup>/g.
35. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of at least 100 m<sup>2</sup>/g.
36. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of 60 m<sup>2</sup>/g to 2000 m<sup>2</sup>/g.
37. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of 100 m<sup>2</sup>/g to 500 m<sup>2</sup>/g.
38. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of at least 100 m<sup>2</sup>/g.